



FILE COPY *Recd P.P. PW*  
ATTORNEY DOCKET NO.: FXI01-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

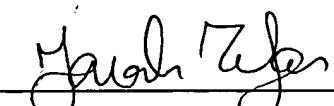
Applicants: John P. Gagnon, Todd Pihl, Michael Quarrey and Charlie Thebeau  
Serial No.: 10/039,470  
For: TECHNIQUES FOR MAKING NON-HALOGENATED FLAME  
RETARDANT CROSS-LINKED POLYOLEFIN MATERIAL WHICH  
IS SUITABLE FOR USE IN A CABLE  
Filing Date: November 9, 2001  
Examiner: Not Yet Known  
Art Unit: 1731

Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450:

Date: November 24, 2003

By: Farah Zafar  
(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: 

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is/are:

- 2 -

- [x] Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- [x] Third Request for Corrected Filing Receipt, Total Pages: 3;
- [x] Copy of Incorrect Filing Receipt, Total Pages: 2;
- [x] Copy of Application Transmittal with Certificate of Express Mail, Total Pages: 4;
- [x] Copy of Express Mailing Label Receipt No. EF384080919US, Total Pages: 1;
- [x] Copy of Declaration originally filed with Application, Total Pages: 3;
- [x] Copy of Returned Postcard Date Stamped by the USPTO, Total Pages: 1;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2.

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,



---

David E. Huang, Esq.  
U.S.P.T.O. Registration No.: 39,229  
Attorney for Applicants  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: FXI01-03

Dated: November 24, 2003



ATTORNEY DOCKET NO.: FXI01-03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: John P. Gagnon, Todd Pihl, Michael Quarrey and Charlie Thebeau  
Serial No.: 10/039,470  
For: TECHNIQUES FOR MAKING NON-HALOGENATED FLAME  
RETARDANT CROSS-LINKED POLYOLEFIN MATERIAL WHICH  
IS SUITABLE FOR USE IN A CABLE  
Filing Date: November 9, 2001  
Examiner: Not Yet Known  
Art Unit: 1731

---

**Certificate of Mailing Under 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: November 24, 2003

By: Farah Zafar

(Typed or printed name of person mailing  
Document, whose signature appears below)

Signature: Farah Zafar

---

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

**THIRD REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Applicants respectfully request that the Patent Office provide a Corrected Filing Receipt in order to correct an error on the Official Filing Receipt. Enclosed is a copy of the original Filing Receipt with a change made in red ink to correct the error.

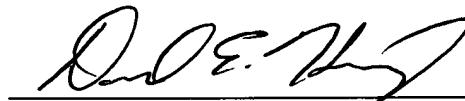
The original Filing Receipt inadvertently indicates that the above-identified application was filed on November 8, 2001. However, the actual filing date is November 9, 2001 as evidenced by (i) a copy of the Application Transmittal Letter which includes a Certificate of Express Mailing under 37 CFR 1.10 indicating that the application was filed on November 9, 2001, (ii) the Express Mail Receipt No. EF384080919US, which was stamped by the U.S. Post Office with the actual filing date when the application was filed, (iii) a copy of the signed Declaration showing that the Declaration was signed on November 9, 2001 by all of the Inventors, and (iv) the returned postcards which show a mailing date of November 9, 2001, copies of which are enclosed. Applicants believe that the U.S. Post Office Representative inadvertently wrote the wrong date, (i.e., November 8, 2001) on the Express Mail Label when the Application was filed.

Applicant(s) hereby petition(s) for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

-3-

If the enclosed papers or fees are considered incomplete, the Patent Office is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,



David E. Huang, Esq.  
Attorney for Applicant(s)  
Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: FXI01-03

Dated: November 24, 2003


**UNITED STATES PATENT AND TRADEMARK OFFICE**

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/039,470	11/08/2001	1731	1226	FXI01-03	12	33	6



David E. Huang, Esq.  
 CHAPIN & HUANG, L.L.C.  
 Westborough Office Park  
 1700 West Park Drive  
 Westborough, MA 01581

**CONFIRMATION NO. 1034**
**FILING RECEIPT**


\*OC000000007480344\*

Date Mailed: 02/14/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

John P. Gagnon, Franklin, MA;  
 Todd Pihl, Uxbridge, MA;  
 Michael Quarrey, North Grafton, MA;  
 Charlie Thebeau, Lunenburg, MA;

**Domestic Priority data as claimed by applicant**
**Foreign Applications**
**If Required, Foreign Filing License Granted 02/13/2002**
**Projected Publication Date: 05/08/2003**
**Non-Publication Request: No**
**Early Publication Request: No**
**Title**

Techniques for making non-halogenated flame retardant cross-linked polyolefin material which is suitable for use in a cable

**Preliminary Class**

264



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



ATTORNEY DOCKET NO.: FXI01-03

**FILE COPY**  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: John P. Gagnon, Todd Pihl, Michael Quarrey and Charlie Thebeau  
Serial No.: Unassigned  
For: TECHNIQUES FOR MAKING NON-HALOGENATED FLAME RETARDANT CROSS-LINKED POLYOLEFIN MATERIAL WHICH IS SUITABLE FOR USE IN A CABLE  
Filing Date: November 9, 2001 ←  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION TRANSMITTAL**

Certificate of Express Mailing Under 37 C.F.R. 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231 on:

Date: November 9, 2001 ↗

By: Crystal Slason  
(Typed or printed name of person mailing Document, whose signature appears below)

Express Mail Mailing  
Label No. EF384080919US

Signature: Crystal Slason

**BOX PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing is a patent application entitled:

**TECHNIQUES FOR MAKING NON-HALOGENATED  
FLAME RETARDANT CROSS-LINKED POLYOLEFIN  
MATERIAL WHICH IS SUITABLE FOR USE IN A CABLE**

EF 384080919 US

- 2 -

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

John P. Gagnon  
50 Lincoln Street  
Franklin, Massachusetts 02038

Citizenship: United States of America

Todd Pihl  
26 Londonderry Way  
Uxbridge, Massachusetts 01569

Citizenship: United States of America

Michael Quarrey  
7 Edward Drive  
North Grafton, Massachusetts 01536

Citizenship: United States of America

Charlie Thebeau  
481 Townsend Harbor Road  
Lunenburg, Massachusetts 01462

Citizenship: United States of America

Enclosed is/are:

- [x] Transmittal Letter including fee calculations (this form, 4 pages) (in duplicate),  
Total Pages: 8;
- [x] Utility Patent Application Specification including Title of the Invention,  
Background of the Invention, Summary of the Invention, Brief Description of the  
Drawings, Detailed Description; 33 Claims (6 Independent, 27 dependent),  
Abstract of the Disclosure, Total Pages: 30;
- [x] Drawings: [x] Formal, [ ] Informal (Figs: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12), Total  
Sheets: 12;
- [x] Newly Executed Oath/Declaration/Power Of Attorney, Total Pages: 3;
- [x] Assignment Papers (Assignment Recordation Cover Sheet 1 page, Copy of  
Assignment Document 5 pages), Total Pages: 6;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- [x] Authorization to Charge Deposit Account No. 50-0901, if Required;
- [x] Check in the amount of: \$1,266.00, with fee amounts calculated as follows:

- 3 -

CLAIMS	Number Filed	Number Extra	Rate	Calculations
Total Claims	33-20 =	13	x \$18	\$ 234.00
Independent Claims	6-3 =	3	x \$84	\$ 252.00
Multiple Independent Claims			+ 260 =	\$ 0.00
			BASIC FILING FEE =	\$ 740.00
			Total of Above Calculations =	\$1,226.00
			Assignment Recordation Fee =	\$ 40.00
			TOTAL FEE FOR THIS PATENT APPLICATION =	\$1,266.00

Please direct all telephone calls and address all correspondence to:

David E. Huang, Esq.  
 Attorney for Applicants  
 USPTO Registration No. 39,229  
 CHAPIN & HUANG, L.L.C.  
 Westborough Office Park  
 1700 West Park Drive  
 Westborough, Massachusetts 01581  
 United States of America  
 Telephone: (508) 366-9600  
 Facsimile: (508) 616-9805

If the enclosed fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 50-0901.

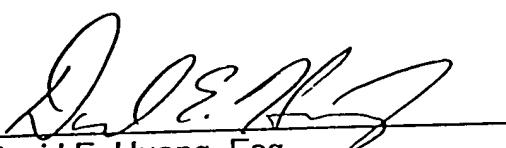
Attorney Docket No.: FXI01-03

- 4 -

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

By:

  
David E. Huang, Esq.  
Attorney for Applicants  
U.S.P.T.O. Registration No.: 39,229  
CHAPIN & HUANG, L.L.C.  
Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581  
United States of America  
Telephone: (508) 366-9600  
Facsimile: (508) 616-9805

Attorney Docket No.: FXI01-03

Dated: November 9, 2001 



**POST OFFICE  
TO ADDRESSEE**



**ORIGIN (POSTAL USE ONLY)**

PO ZIP Code	Day of Delivery	Flat Rate Envelope
01 58	<input checked="" type="checkbox"/> Next Day	<input type="checkbox"/> Second
Date In	<input type="checkbox"/> Postage	\$ 1.75
No.	<input type="checkbox"/> 1 PM	<input type="checkbox"/> Return Receipt Fee
Mo.	<input type="checkbox"/> 2 PM	
Year	<input type="checkbox"/> Military	
Time In	<input type="checkbox"/> 3rd Day	
AM	<input type="checkbox"/> 2nd Day	
PM	<input type="checkbox"/> Int'l Alpha Country Code	COD Fee
Weight	<input type="checkbox"/> Acceptance Initials	Insurance Fee
Pds.	<input type="checkbox"/> No Delivery	Total Postage & Fees
Ounces	<input type="checkbox"/> Weekend	\$ 1.75
Holiday	<input type="checkbox"/>	

**CUSTOMER USE ONLY**

**METHOD OF PAYMENT**

Express Mail Customer Acct. No.

Federal Agency Acct. No. or  
Postal Service Acct. No.

FROM: (Please Print) Phone: 508-366-9611

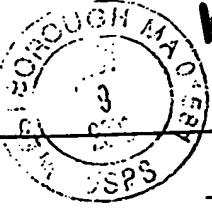
Payed E. Hayes, Esq.  
Chapin & Hayes, L.L.C.

Westborough Office Park  
1700 West Park Drive  
Westborough, Massachusetts 01581

EX101-03

TO: (Please Print) Phone: \_\_\_\_\_

SEE REVERSE SIDE FOR  
SERVICE GUARANTEE AND  
INSURANCE COVERAGE LIMITS



Customer Copy  
Label 11-B May 2000

FOR PICKUP OR TRACKING CALL 1-800-222-1811 [www.usps.com](http://www.usps.com)